



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

MAY 06 2014

Janis Ransom
Cadillac/Gaylord District Supervisor
Air Quality Division
Michigan Department of Environmental Quality
120 West Chapin Street
Cadillac, Michigan 49601-2158

REPLY TO THE ATTENTION OF

Dear Ms. Ransom:

The U.S. Environmental Protection Agency has reviewed the draft renewal of the Renewable Operating Permit (ROP) for St. Marys Cement, Incorporated, State Registration Number B1559, located in Charlevoix, Michigan. To ensure that the source meets Federal Clean Air Act requirements, that the permit will provide necessary information so that the basis of the permit decision is transparent and readily accessible to the public, and that the permit record provides adequate support for the decision, EPA has the following comments:

1. Staff Report, Page 6. The Staff Report states, "The stationary source is currently under review by USEPA to determine if it is subject to the Regional Haze Regulations requiring Best Available Retrofit Technology (BART) to prevent and remedy any impairment of visibility in Class 1 areas (national parks and wilderness areas) as promulgated in 40 CFR, Part 51. Any BART requirements determined to apply to St. Marys Cement will be established in a Permit to Install prior to incorporation into the ROP. At this time these requirements have not been established and this ROP does not contain BART requirements." EPA has determined that BART applies to St. Marys Cement, effective January 1, 2017; see 40 CFR 52.1183(h). Because these requirements will be effective during the term of the renewal permit, the BART requirements in 40 CFR 52.1183(h) must be included in the permit. Also, please update the Regulatory Analysis section of the Staff Report accordingly.
2. EUPORTABLECRUSH SC I. The Monitoring/Test Method for each of the visible emissions limits references the wrong paragraph. It should be SC VI.3.
3. EUPORTABLECRUSH SC VI.3. The permit requires non-certified visual emissions readings, but does not specify a test method. Is Method 22 the test method that will be used? If so, the permit should state Method 22 is to be followed. In addition, please either 1) clarify how the monitoring in the permit is sufficient to assure compliance with the opacity limits, in accordance with the underlying applicable requirements, 40 CFR 70.6(a)(3)(i)(B), and/or 70.6(c)(1), as applicable; or 2) include additional monitoring requirements in the permit in accordance with these requirements.

4. FGKILNRAWMILLS SC I., 2., 3., and 4. The permit specifies 40 CFR 52.21 as an underlying applicable requirement for these conditions. We recommend that Michigan Department of Environmental Quality include the appropriate paragraph as well. Are these best available control technology conditions pursuant to 40 CFR 52.21(j), or were they required pursuant to some other provision of prevention of significant deterioration (PSD)?

5. FGKILNRAWMILLS SC I.1. Footnote a (streamlined limits) pertains to this particulate matter (PM) limit; however, the footnote designator is not included in the table. Please add the footnote to the table.

6. FGKILNRAWMILLS. Please verify that the applicable requirements in 40 CFR 60.63(c) and 60.65 are included in the permit and cited as the underlying applicable requirements as appropriate. 40 CFR 60.63(c) requires a continuous parametric monitoring system for PM. There are PM parametric monitoring requirements in the permit, but they do not cite the new source performance standard (NSPS) as the underlying applicable requirement. Also, 40 CFR 60.65 includes recordkeeping and reporting requirements. There are citations to some 40 CFR 60.7 reporting requirements in SC VII.6, 7, and 8, but not to 40 CFR 60.65.

7. FGKILNRAWMILLS SC VI.2. This condition lists 40 CFR 52.21 as one of the underlying requirements, but the permit doesn't appear to include a corresponding limit associated with 40 CFR 52.21. Should the production limit in SC III.1, and/or the emission limits in SC I.1. and/or SC I.6. have 40 CFR 52.21 listed as an underlying applicable requirement? Please ensure that the permit includes the correct 40 CFR 52.21 citations for the limits and associated monitoring as applicable.

8. FGKILNRAWMILLS SC V.1. This condition requires stack testing procedures in accordance with 40 CFR, Part 60 Appendix A. Appendix A contains all EPA approved test methods. The permit should specify the applicable test method(s).

9. FGKILNRAWMILLS SC V.2. This testing requirement is designated as federally enforceable; however, the associated nickel limit in SC I.7. is designated as state enforceable only. Should this testing condition be state enforceable only?

10. FGKILNRAWMILLS SC VI.9. This condition requires baghouse pressure drop monitoring in accordance with the Malfunction Abatement Plan (MAP). Are these requirements also part of the parametric monitoring system required by 40 CFR 60.63(c)? If so, does the MAP contain any of the applicable NSPS requirements, and as such should any of these conditions also be specifically included in the permit? Please verify that the applicable requirements in 40 CFR 60.63(c) are included in the permit and cited as the underlying applicable requirements as appropriate.

11. FGKILNRAWMILLS SC VI.12. This condition requires the permittee to continuously monitor and record the asphalt flake and plastic feed rates using "a monitoring and recordkeeping method acceptable to the [Air Quality Division] District Supervisor..." The permit should specify the method to be used in order to meet the sufficiency monitoring requirements in 40 CFR 70.6(c)(1).

12. FGKILNRAWMILLS SC IX.1. This condition identifies 40 CFR Part 60, Subpart DDDD (Commercial/Industrial Solid Waste Incinerators Emission Guidelines (CISWI)) as applicable. Emission Guidelines are not directly applicable requirements; rather, Federal and State Plans promulgated pursuant to the Emission Guidelines establish the applicable requirements to be included in the permit. Based on discussions with you, it is my staff's understanding that St. Marys Cement will be subject to the Federal Plan to be promulgated pursuant to the revised CISWI Emission Guidelines published in the Federal Register on February 7, 2013. Please include in the Regulatory Analysis section of the Staff Report information pertaining to CISWI applicability, the status of the future CISWI Federal Plan (including the Federal Plan compliance date of February 7, 2018), as well as a commitment to revise/reopen the permit to include the future CISWI requirements, as applicable.

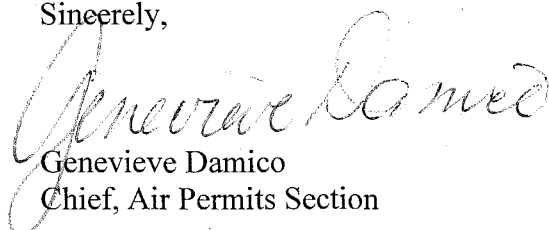
13. FGKILNRAWMILLS SC III.5. This condition states, "The permittee shall only feed the asphalt flake and/or plastic fuel to the in-line calciner of EUKILN of FGKILNRAWMILLS." The condition lists 40 CFR 52.21 (c) and (d) as underlying applicable requirements. 40 CFR 52.21 (c) and (d) define PSD applicability tests for existing units (c) and new units (d). Is this meant to designate this condition as a synthetic minor limit? Is the material limit in SC II.2. also associated with a synthetic minor limit? Please clarify the underlying applicable requirements in the permit as needed, and also provide further documentation in the Regulatory Analysis section of the Staff Report.

14. FGFINISHMILLS SC V.1. This condition identifies 40 CFR 63.1349(b)(2) as the underlying applicable requirement. This rule states "Zero point data for extractive instruments should be obtained by removing the extractive probe from the stack and drawing in clean ambient air." The permit condition pertains to opacity testing, so the citation appears to be incorrect. Also, the condition does not specify when or how frequently this test is to be performed. Please revise the permit as necessary.

15. FGALTSAND/SOIL SC V.1. This condition requires that the lead and cadmium content of the extracted sand/soils be determined in a "satisfactory manner." The permit should specify the method to be used in order to meet the sufficiency monitoring requirements in 40 CFR 70.6(c)(1).

Thank you for the opportunity to provide comments on this draft permit. If you have any questions, please contact me or Beth Valenziano of my staff at (312) 886-2703.

Sincerely,



Genevieve Damico
Chief, Air Permits Section